

RECEIVED BY HEALTH  
16 DEC 1957

MONTGOMERYSHIRE COUNTY COUNCIL

---

R E P O R T

of

THE COUNTY MEDICAL OFFICER OF HEALTH

IVOR J. JONES

M.B., B.S., M.R.C.S., L.R.C.P., D.P.H.

for the

YEAR ENDED 31st DECEMBER, 1956.



County Health Offices,  
Newtown,  
Montgomeryshire.



To The  
Chairman and Members of the Montgomeryshire County Council.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present my Annual Report for 1956. The work of the Council's Health Department continues to increase in all sections.

A careful perusal of the statistics provided will show the remarkable improvement that has occurred in recent years in the indices or yardsticks commonly used for assessing the health of the community, but imagination may be required to translate these statistics into the histories of families and the individual members of the families who are the units of the community.

VITAL STATISTICS (pages 1 and 15 - 19)

Population :

The Registrar-General's estimate of the population for mid-1956, at 44,940, shows a slight decrease over 1955 and is the lowest population for the County since 1945 (44,680).

Births (page 2)

There were 674 live births during the year (15.0 per 1,000 population). From 1941 to 1947 there was a general tendency towards an increase in the number of births each year, but since then the number has tended to decline. The provisional Birth Rate for England and Wales during 1956 was 15.7 per 1,000 population.

Infantile Mortality Rate (i.e. deaths of infants under one year of age per 1,000 live births) (page 2).

Twenty infants under one year of age died during the year, giving an Infantile Mortality Rate of 29.7 per 1,000 live births as compared with a Rate of 23.8 for England and Wales. The Rate for England and Wales is the lowest ever recorded in this Country. It is interesting to note that the Infantile Mortality Rate has been decreasing since the beginning of the century :

Year	Rates for	
	Montgomeryshire.	England and Wales
1902	107	133
1911	96	118
1921	82	83
1931	69	66
1941	49	59
1951	30	30

There is still considerable room for improvement in the Infantile Mortality Rate for England and Wales, and more particularly for Montgomeryshire.

Nec-natal Mortality Rate. (Page 3)

Of the 674 infants born alive during the year, 16 died within 4 weeks of birth, giving a nec-natal mortality Rate of 23.7 per 1,000 live births. Four infants died after reaching the age of 4 weeks and before reaching 12 months of age.

Stillbirths

There were 12 stillbirths during the year, giving a Stillbirth Rate of 0.27 per 1000 population. Stillbirths per 1,000 total live and stillbirths were 17 as compared with 23 for England and Wales. The marked reduction in the Infantile Mortality Rate during the past 50 years has been confined mainly to the saving of infants after the first week of age. There were no stillbirths to unmarried mothers. There were 2 illegitimate



infants who died under 4 weeks of age. No illegitimate infants died between 4 weeks and 12 months of age.

#### General Mortality (pages 2 and 15 - 19)

There were 548 deaths from all causes during the year, giving a Crude Death Rate of 12.2 per 1,000 population. It will be appreciated that the Death Rate of a community depends to some extent on the age constitution of that community, e.g., a community with a larger proportion of old people should have a higher Death Rate, everything else being equal, than another community with a smaller proportion of old people. In order to use Death Rates as an indication of health conditions in a community, it is necessary to take into account the proportion of people in all age groups in the community. The Registrar-General has provided a "comparability factor" for the Crude Death Rate in this County. When this factor is applied to the Crude Death Rate of 12.2 per 1,000 population, a Death Rate of 11.1 is obtained, as compared with a Death Rate of 11.7 for England and Wales.

The chief cause of death was heart disease, including coronary disease (58 cases), hypertension with heart disease (5 cases) and other heart disease (105 cases).

While the Death Rate tends to fall and the expectation of life is increasing, it should be appreciated that the proportion of elderly people is increasing, and this factor alone will result in an increased proportion of deaths due to diseases to which the elderly are more prone. This is a factor in the apparent increase in the incidence of Cancer and deaths therefrom,

The Medical Research Council has recently reported a very great increase in deaths from lung cancer in males during the past 25 years, and that although a proportion of these cases can be attributed to specific industrial hazards and may be due, in industrial and large urban areas, to atmospheric pollution, evidence from different countries indicates that a major part of the increase is associated with tobacco smoking, particularly in the form of cigarettes. Action is being taken to bring this information to adolescents and young adults.

#### Maternal Mortality.

There was no death during the year due to pregnancy, childbirth etc..

#### Accidents.

There were 6 fatal accidents during the year in connection with motor vehicles, but there were 14 fatal accidents of other kinds. It has been pointed out that there are more fatal accidents in the home, which affect particularly young children and the elderly, than there are road accidents.

#### Vaccination and Immunisation. (pages 6 and 7)

##### Vaccination against Smallpox.

Vaccination against smallpox is carried out in this County mainly by general medical practitioners. The proportion of children being vaccinated against smallpox is increasing steadily, but it is impossible to obtain an accurate record at any given time, as some General medical practitioners are tardy in submitting their records of vaccination. The Council pays a fee of five shillings for each record of vaccination and steps have been taken to encourage practitioners to submit their records within a reasonable time.

##### Immunisation against Diphtheria.

Immunisation against diphtheria is carried out mainly by the Council's own Medical Officers although this may be done by general medical practitioners. The proportion of children being so immunised remains high. It will be noted on page 6 that there has been no case of diphtheria or death therefrom in the County since 1947.

### Immunisation against Whooping Cough.

Immunisation against whooping cough is offered but not pressed. In many cases it has been given combined with diphtheria prophylactic. If these antigens are given separately, at least 2 injections must be given against diphtheria and at least 3 against whooping cough, making a total of 5 injections in all. If they are combined, the number of injections can be reduced to 3. There are, however, several objections to using the combined prophylactic and the future tendency will be to use them separately.

### Poliomyelitis Vaccination.

The Ministry of Health advised, at the beginning of the year, that a small amount of vaccine against poliomyelitis would be available in May and June of the same year, and the Health Department was asked to invite parents of all children in the County born between 1st January 1947 and 31st December 1954 inclusive, to give consent to their children being vaccinated by two injections. By the 1st April 1956, parental consent had been received on behalf of 2549 children; approximately 44% of the child population concerned. Returns were submitted to the Ministry, indicating the number of boys and girls registered by month of birth, and the Health Department was advised by the Ministry that children born in November in each of the years 1947-1954 could be given the vaccine, as well as those born in March in the years 1951-1954. The vaccine was received at irregular intervals in very small quantities. This necessitated very considerable office administration and very considerable travelling by the Medical Officers to all parts of the County as the children born in the selected months were scattered throughout the County. Later, children born in August of the years 1947-54 and in October of the years 1951-1954 were offered vaccination. Only sufficient vaccine was received, however, for these children to be given one injection by the 30th June when vaccination against poliomyelitis ceased.

### Epidemiology (Pages 7 - 9)

There was a considerable epidemic of measles during the year. Of the 525 cases notified, 344 were in the Newtown and Llan-llwchaiarn Urban District and 136 in the Newtown and Llanidloes Rural District. There was unfortunately one death from measles. There were also 61 cases of whooping cough, mainly in the Montgomery Borough. No cases of poliomyelitis were notified.

### Tuberculosis. (pages 7 and 8)

There has been a very remarkable reduction in the deaths from tuberculosis during the past 50 years, and the reduction has been even more remarkable in the past 10 years. During 1956 there were 4 deaths from tuberculosis in Montgomeryshire, all due to respiratory tuberculosis. This gives a Tuberculosis Death Rate of 89 per million population.

The following table provides evidence of the remarkable reduction in the Tuberculosis Death Rate referred to above :

Year	Tuberculosis Death Rate per million population		
	Respiratory	Non-respiratory	All forms
1913	1020	382	1402
1926	883	96	979
1936	696	174	870
1946	420	110	530
1956	89	-	89

The mortality of a chronic disease such as tuberculosis is not a sound indication of the incidence of the disease, because of the time lag between infection and death, and because improved treatment has lessened the proportion of cases which die. Nevertheless it is apparent that remarkable success has been achieved in recent



years in the prevention of tuberculosis. The following table shows the actual number of new cases notified and deaths registered from pulmonary and non-pulmonary tuberculosis since 1938:

Years	NEW CASES		DEATHS	
	Pulmonary	Non-pulmonary.	Pulmonary	Non-pulmonary
1938	49 )	31 )	26 )	7 )
1939	23 )	13 )	18 )	2 )
1940	41 ) 40.5	17 ) 19.25	19 ) 21.25	5 ) 5.25
1941	49 )	16 )	22 )	7 )
1942	28 )	26 )	29 )	8 )
1943	61 )	27 )	22 )	7 )
1944	46 ) 48.8	19 ) 21.2	17 ) 21.2	7 ) 7.4
1945	54 )	21 )	19 )	10 )
1946	55 )	13 )	19 )	5 )
1947	68 )	8 )	19 )	7 )
1948	49 )	11 )	22 )	5 )
1949	52 ) 46.8	8 ) 12.2	23 ) 17.2	- ) 2.8
1950	30 )	19 )	6 )	- )
1951	35 )	15 )	16 )	2 )
1952	42 )	11 )	6 )	2 )
1953	37 )	10 )	8 )	1 )
1954	37 ) 33.6	6 ) 8.2	8 ) 6.8	1 ) 0.8
1955	27 )	5 )	8 )	- )
1956	25 )	9 )	4 )	- )

The number of new cases of pulmonary tuberculosis rose remarkably during the war and post-war years, but since then there has been a marked reduction in the number of cases notified. The reduction in the number of non-pulmonary cases notified is even more marked, probably due to the improvement in milk production, particularly "Tuberculin Tested" milk, and in the consumption of "Tuberculin Tested" milk and "Pasteurised" milk.

Whenever a new case of tuberculosis is notified, a visit to the home is made by the health visitor who endeavours to trace the source of infection and to persuade every member of the household to visit the Chest Physician's Clinic, with a view to discovering any source of infection in the household or any secondary cases of infection from the notified patient.

The Chest Physicians' Clinics are attended by the health visitors concerned who can advise the Chest Physician on the home environment, sanitary conditions etc., and who can be instructed by the Chest Physician with a view to advising members of the household on the prevention of spread of infection.

#### Maternity and Midwifery Services (page 3).

The number of women confined in hospital continues to increase - 509 in 1956 as compared with 185 women confined at home. Maternity outfits are distributed by the district nurse-midwives for domiciliary confinements. Gas and air analgesia was administered to 102 patients in their own homes during 1956, and pethidine was administered to 75 patients. The Superintendent Nursing Officer continues to act as Non-medical Supervisor of Midwives and carries out regular inspections of all midwives in the County who have notified their intention to practice, including those midwives employed in the local hospitals. Three unmarried mothers were admitted to Bersham Hall during the year. No cases of ophthalmia neonatorum were notified during the year.

Ante-natal and post-natal clinics are conducted by general medical practitioners, either in the local hospitals or in the patients' homes. The district nurse-midwives carry out ante-natal examinations of expectant mothers, who have not booked a doctor, in their own homes. It is hoped to arrange to commence

ante-natal clinics in some of the Council's Welfare Centres, to be staffed by general medical practitioners, hospital midwives and domiciliary midwives.

#### Home Nursing. (page 1).

The nursing of the chronic sick and elderly continues to form a large part of the nurses' work. This work has been made considerably less arduous since the implementation of the Home Help Service; both the nursing staff and the home helps maintaining close liaison with each other. Many of these patients are nursed at home, although their condition and home circumstances are such that admission to hospital would be advisable. This is due to the shortage of hospital accommodation for the chronic sick.

The nurses often visit the aged long before they actually need nursing care, and carry out minor treatments such as pedicures. These casual visits are invaluable in that the welfare of the aged is safeguarded and problems can be dealt with as and when they arise.

Nursing appliances which may be loaned to patients are available, and such articles as mackintosh sheeting, bed pans, urinals, backrests and air cushions form part of the nurses' equipment. Further supplies are available from the British Red Cross Society and the St. John Ambulance Brigade.

The proportion of injection work varies. In some areas the general practitioners deal with these themselves, while in others the nurse is required to give most of the injections. These consist mainly of anti-biotics and anti-anaemia injections.

No special arrangements are made for the nursing of sick children at home, but children discharged from hospital are referred to the County Health Department by the Almoner for special supervision.

#### Dental Services.

It has still not been possible for the Council to provide a priority dental service for expectant and nursing mothers and pre-school children. Such a service could not be provided at present without seriously affecting the School Dental Service.

#### Post-graduate Courses.

During the year the Superintendent Nursing Officer attended an approved post-graduate course sponsored by the Association of Supervisors of Midwives. One district nurse-midwife-health visitor attended an approved refresher course for midwives. One health visitor and four district nurse-midwives attended a two day course on Tuberculosis sponsored by the National Association for the Prevention of Tuberculosis.

#### Child Welfare.

Reference has already been made to the remarkable reduction in infantile mortality during the past 50 years, but it is apparent that increased attention will have to be given to the causes of peri-natal mortality, i.e. stillbirths and deaths during the first week of life.

#### Home Help Service.

Most of the work undertaken by the Home Help Service during 1956 was done by part-time helps caring for the aged, blind and those permanently incapacitated. Two full-time home helps and eight casual helps, who work full-time when employed, were able to look after the short term cases of confinements, operations and temporary illnesses of mothers of families. Resident home helps were employed on these occasions when daily help could not be provided.

The total number of cases assisted again exceeded those of the previous year.



Number of Home Helps employed at 31st December, 1956 :

Whole-time	...	10
Part-time	...	60

Number of cases where Home Help was provided during the year :

(a) Maternity (including expectant mothers)	...	35
(b) Tuberculosis	...	1
(c) Chronic sick, including aged and infirm	...	120
(d) Others	...	29

Comparative Figures since the inception of the Service:

Type of Case	1950.	1951.	1952.	1953.	1954.	1955.	1956.
(a) Maternity (including expectant mothers)	-	36	39	54	50	45	35
(b) tuberculosis	-	2	2	3	2	3	1
(c) others	6	51	75	121	94	124	149
Totals	6	89	116	178	146	172	185

Welfare Foods.

The arrangements made for the distribution of welfare foods in 1954, following the transfer of this work to the County Council from the Ministry of Food, have continued in the main throughout 1956. The Council will appreciate that the local distribution has been carried out mainly by the voluntary organisations, such as the British Red Cross Society, and a large number of individuals in many cases since the transfer to the County Council in 1954. The local distribution involves regular attendance at specified hours at a distribution centre, the receipt of welfare foods, the cancellation of coupons and receipt of payments in stamps, together with meticulous book-keeping. But for the very willing co-operation which has been received throughout these years from these volunteers, the Council would be involved in considerably increased expenditure. I, personally, am very grateful for this voluntary co-operation.

Issues of Welfare Foods.

	By Coupons		On payment of full prices (4/= per tin)		Issues to Hospitals.	
	1955	1956	1955	1956	1955	1956
National Dried Milk	38170 tins	37815 tins	74 tins	70 tins	170 tins	199 tins
Cod liver oil	5461 bottles	4832 bottles				
A & D Tablets	1353 pkts.	1570 pkts.				
Orange juice	24477 bottles	26464 bottles				



Ambulance Service (pages 12 - 14)

The six St. John Ambulance Divisions in the County continue to provide a voluntary Ambulance Service, while a number of volunteer car drivers provide a sitting-case car service at a cost which is intended to cover the cost without payment to the driver. A number of commercial taxi owners undertake this Service at the same mileage rates as the volunteer car drivers.

Mental Health Services (page 10)

Consideration was given by the Health Committee during the year to the provision of "Occupation Centres" and meetings were held with representatives of the Breconshire and Radnorshire County Councils, in order to consider the possibility of a joint residential centre. It was decided, however, in view of the restrictions on capital expenditure and the probable publication of the Report of the Royal Commission on the Law relating to Mental Illness and Mental Deficiency, to postpone further consideration of the matter.

It is a pleasure to record my thanks to the numerous voluntary organisations and individuals, including the County Branch of the British Red Cross Society, the St. John Ambulance Divisions, the W.V.S., the two Chest Physicians and Heads of Departments of the County Council, and particularly to the staff of the County Health Department for their co-operation throughout the year.

IVOR J. JONES

County Medical Officer  
of Health.

County Health Offices,  
Newtown.  
November, 1957.

-----



Digitized by the Internet Archive  
in 2016 with funding from  
Wellcome Library

<https://archive.org/details/b28862612>



COUNTY HEALTH STAFF.

County Medical Officer of Health ... Iver J. Jones, M.B., B.S.,  
and Principal School Medical Officer M.R.C.S., L.R.C.P., D.P.H.

Medical Officers ... Amelia Evans, B.Sc., M.B.,  
B.Ch., D.P.H.  
J. Mary Pryce, M.A., M.B., Ch.B.  
Ian B. Millar, M.D., B.Ch.,  
B.A.O., D.P.H.

Principal Dental Surgeon ... E. Davies-Thomas, T.D., M.R.C.S.,  
L.R.C.P., L.D.S., R.C.S.

Dental Surgeon ... D.M. Parsons, L.D.S.

Superintendent Nursing Officer. ... Miss S.D. Wilson, S.R.N.,  
S.C.M., H.V.

Health Visitors ... Miss Eunice Jones, S.R.N.,  
S.C.M., H.V.  
Miss G.E. Bryan, S.R.N.,  
S.C.M., H.V.  
Miss N.L. Jones, S.R.N.,  
S.C.M., H.V.  
Mrs. E. Wynne Peate, S.R.N., H.V.  
Part 1 Midwifery.  
(from 12.11.56).

Home Help Supervisor ... Mrs. R.M. Goodwin.

Food and Drugs Inspector ... E. Walter Evans.

Duly Authorised Officers ... W.S. Lewis  
D.T. Llewellyn  
A. Sidney Evans

Dental Attendants ... Miss A.E. Jones  
Miss P.M. Lewis

Office Staff :

Walter Jones (Chief Clerk)  
D. W. Rees  
V. B. Davies  
B. Owen (from 12.3.56).  
Mrs. H. D. Hughes  
Mrs. D. Weaver  
Miss E. Stephens

DISTRICT NURSE-MIDWIVES.

- a ... State Certified Midwife
- b ... State Registered Nurse
- c ... Queen's Nurse
- d ... Gas and Air Certificate
- e ... Health Visitor's Certificate

<u>District</u>	<u>Nurse-midwife.</u>	<u>Qualifications.</u>
BERRIEW	Sister A.M.Morgan	abd.
CARNO	Nurse A.S.Peate	ad
CEMMAES	Sister M.D.Ryder	abde
CAERSWS	Nurse E.E.Wainwright	ad
CHURCHSTOKE	Sister B.A.Evans	abd
KERRY	Sister E.F.Humphreys	abde
LEIGHTON	Sister J.Glasscodine	abd
LLANBRYNMAIR	Sister L.Evans	ab
LLANDINAM	Nurse J.A.Griffiths	ab
LLANDYSILIO	Sister P.Davies	abd
LLANFYLLIN	Nurse E.E.Fryer	ad
LLANRHAIADR	Sister M.Thomas	abcd
LLANWDDYN	Nurse S.J.Watkins	ad
LLANIDLOES	Sister R.E.Jones	abd
LLANFAIR CAER.	Nurse H.Mills Evans, M.B.E.	ad
LLANSANTFFRAID	Nurse M.L.Jones	ad
MONTGOMERY	Sister M.A.Thomas (from 1.10.56)	abd
MACHYNLEETH	Nurse M.E.Jones	ad
MEIFOD	Nurse M.L.Lewis	ad
NEWTOWN	Sister C.Lloyd Jones	abcd
TREGYNON	Nurse C.J.Lloyd	ad
TREFEGLWYS	Sister E.J.Richards	abd
WELSHPOOL INNER	Sister D.Cotes	abcd
WELSHPOOL OUTER	Nurse M.J.Ellis	a



# GENERAL STATISTICS.

Area of Administrative County	...	510,110 acres
Population (Registrar-General's Mid-Year Estimate)	...	44,940
Rateable Value - 1955-56	...	£194,134
1956-57	...	£346,567
Sum represented by 1955-56	...	£769
1d Rate 1956-57	...	£1,401

## HOME NURSING

Type of Case	Number of cases attended by Home Nurses during the year.	Number of visits paid by Home Nurses during the year.
Medical ... ..	1,286	18,522
Surgical ... ..	650	6,432
Infectious diseases ... ..	16	42
Tuberculosis ... ..	9	251
Maternal complications ... ..	17	130
Others ... ..	377	1,078
Totals ... ..	2,355	26,455
Patients included above who were 65 or over at the time of the first visit during the year	671	10,719
Children included above who were under 5 at the time of the first visit during the year ...	236	1,021
Patients included above who had more than 24 visits during the year ...	254	11,594

## VITAL STATISTICS

	County of Montgomery	
	Number	Rate per 1000 civilians
Live Births ... ..	674	15.0
Stillbirths ... ..	12	0.27
Illegitimate births ... ..	27	
(live and still)		
" Percentage of total births	3.94	
Deaths : All causes ... ..	548	12.19
Influenza ... ..	1	0.02
Diphtheria ... ..	0	0.00
Measles ... ..	1	0.02
Whooping cough ... ..	0	0.00
Maternal causes ... ..	0	Rate per 1000 total births 0.00
Deaths of infants under 1 year	20	Rate per 1000 live births 29.7
Deaths from enteritis and diarrhoea under 2 years	1	1.48

The chief causes of death were :

Heart disease	...	...	30.8%
Cerebral haemorrhage	...	...	17.2%
Cancer	...	...	16.8%

Deaths from :                      Numbers.

Motor accidents	...	...	6
Suicide	...	...	5
Tuberculosis: Respiratory			4
Others	...		0

TREND OF BIRTH RATE AND DEATH RATE  
in the County during the last  
25 years.

<u>Year</u>		<u>Birth Rate.</u>	<u>Average.</u>	<u>Death Rate.</u>	<u>Average.</u>
1932	...	16.0		14.0	
1933	...	14.7		14.3	
1934	...	14.8	15.2	14.8	14.4
1935	...	16.1		14.4	
1936	...	14.3		14.3	
1937	...	14.9		14.4	
1938	...	15.5		13.5	
1939	...	14.8	14.8	14.5	14.3
1940	...	13.6		15.3	
1941	...	15.1		13.9	
1942	...	15.9		14.2	
1943	...	16.5		13.5	
1944	...	17.2	16.8	13.6	13.9
1945	...	16.0		14.6	
1946	...	18.4		13.4	
1947	...	18.4		13.4	
1948	...	17.8		12.9	
1949	...	17.8	17.3	12.9	13.2
1950	...	15.8		12.9	
1951	...	16.8		14.1	
1952	...	16.7		12.4	
1953	...	16.1		12.4	
1954	...	15.5	15.6	12.3	12.4
1955	...	14.9		12.6	
1956	...	15.0		12.2	

INFANTILE MORTALITY : 1932-1956.

<u>Year.</u>	<u>Rate</u>	<u>Average.</u>	<u>Year.</u>	<u>Rate.</u>	<u>Average.</u>
1932	55		1947	39	
1933	57		1948	41	
1934	73	57	1949	46	40
1935	46		1950	43	
1936	53		1951	30	
1937	45		1952	29	
1938	34		1953	30	
1939	73	52	1954	26	29
1940	57		1955	28	
1941	49		1956	30	
1942	54				
1943	33				
1944	35	40			
1945	41				
1946	37				



# DEATHS OF INFANTS

Sanitary District	Deaths of Infants		
	Under 4 weeks.	4 weeks to 1 year.	Total : Under 1 year
Llanfyllin M.B.	-	-	-
Llanidloes M.B.	1	-	1
Machynlleth U.D.	-	-	-
Montgomery M.B.	-	-	-
Newtown and Llan- llwchaiarn U.D.	5	-	5
Welshpool M.B.	-	1	1
Urban Areas	6	1	7
Forden R.D.	1	-	1
Llanfyllin R.D.	3	1	4
Machynlleth R.D.	2	-	2
Newtown and Llan- idloes R.D.	4	2	6
Rural Areas	10	3	13
Whole County	16	4	20

# DOMICILIARY AND INSTITUTIONAL CONFINEMENTS.

Year	Total Births (Live and still)	Domiciliary Confinements		Hospital Confinements.	
		Number	Percentage of total births.	Number	Percentage of total births.
1938	716	472	65.9	244	34.1
1939	709	504	71.1	205	28.9
1940	700	465	66.4	235	33.6
1941	808	500	61.9	308	38.1
1942	780	493	63.2	287	36.8
1943	797	476	59.7	321	40.3
1944	805	419	52.1	386	47.9
1945	705	362	51.3	343	48.7
1946	829	429	49.1	400	48.3
1947	868	429	46.1	443	50.9
1948	800	369	38.7	431	53.9
1949	793	307	36.3	486	61.3
1950	728	264	35.1	464	63.7
1951	730	256	35.1	474	64.9
1952	737	249	33.8	488	66.2
1953	686	219	31.9	467	68.1
1954	694	210	30.3	484	69.7
1955	662	184	27.8	478	72.2
1956	694	185	26.7	509	73.3
TOTALS	14,241	6,789	47.7	7,452	52.3

CARE OF PREMATURE INFANTS.

Total number of premature live births notified during the years:-

	1951	1952	1953	1954	1955	1956
(a) born at home	10	8	15	11	7	10
(b) born in hospital	22	25	31	26	26	28
TOTALS	32	33	46	37	33	38
Number born at home:-						
(a) nursed entirely at home ..	9	5	15	8	6	8
(b) died in first 24 hours ..	1	..	1	..	1	..
(c) dies 2nd to 28th day ..	..	..	..	..	..	..
(d) survived at 28 days	8	5	14	8	5	8

CARE OF ILLEGITIMATE CHILDREN.

The following table gives details of the number of illegitimate children born in the County during the last decade:

Year	Live Births		Stillbirths		Total Births		Ille- gitimate Births
	Legiti- mate	Illegiti- mate	Legiti- mate	Illegiti- mate	Legiti- mate	Illegiti- mate	% of total Births
1947	792	39	16	1	808	40	4.7
1948	750	61	16	..	766	61	7.4
1949	753	49	15	3	768	52	6.3
1950	670	52	19	3	689	55	7.4
1951	725	41	16	..	741	41	5.2
1952	720	30	13	2	733	32	4.2
1953	679	44	13	1	694	45	6.1
1954	668	31	16	..	684	31	4.3
1955	650	21	18	..	668	21	3.0
1956	647	27	12	..	659	27	4.0
TOTAL	7,054	395	156	10	7,210	405	5.3

N.B. - The above figures are those given by the Registrar-General, i.e. they have been corrected for inward and outward transfers.



# INFANT WELFARE CENTRES

were held during 1956 as follows:-

LLANFYLLIN	.. The Institute	.. 2.30.p.m. last Thursday in each month.
LLANIDLOES	.. Railway Station Assembly Rooms	.. 2.30.p.m. second and last Wednesday in each month
MACHYNILLTH	.. Health Clinic	.. 2.30.p.m. second and fourth Tuesday in each month.
LLANYGOG (Staylittle)	.. The Institute	.. 2.30.p.m. third Thursday in each month.
NEWTOWN	.. Health Clinic	.. 2.30.p.m. every Wednesday on each month.
WELSHPOOL.	.. Victoria Memorial Hospital.	.. 2.30.p.m. first and third Fridays in each month
LLANWDDYN	.. The Oaks	.. 2.30.p.m. second Friday in each month.
MEIFOD	.. The Church Room	.. 2.30.p.m. last Friday in each month.
LLANRYNMAIR	.. The Institute	.. 2.30.p.m. second Thursday in each month.
LLANSANTFFRAID	.. Village Hall	.. 2.30.p.m. first Tuesday in each month.
CHIRWAS	.. Village Hall.	.. 2.30.p.m. last Friday in each month.

Children who attended the Centres for the first time who at their first attendance were under 1 year of age .. .. . 306

Total number of children who attended during the year .. .. . 165

Number of attendances during the year made by children, who at the date of attendance, were:

Under 1 year ..	2,581
1 but under 2 ..	815
2 but under 5 ..	834

4,230

## HEALTH VISITING.

ante-natal visits to expectant mothers	..First visits..	71
	.. Total Visits..	162
Visits to infants under 1 year of age	..First visits..	730
	Total Visits..	5,364
Visits to children aged 1 but under 2 years	.. Total visits ..	3,096
Visits to children aged 2 but under 5 years	.. Total visits..	3,975
Visits to tuberculous households	.. Total visits..	543
Other cases	.. Total visits..	2,743
Total number of families or households visited by Health Visitors	..	2,407

# VACCINATION AGAINST SMALLPOX

The number of children vaccinated by general medical practitioners in the County remains small.

Vaccination Records received from General Medical Practitioners  
5th July, 1948 to 31st December, 1956.

V - Vaccinations. R.V. - Re-vaccinations.

Year of Birth.	1948-52		1953		1954		1955		1956		Totals	
	V.	RV.	V.	RV.	V.	RV.	V.	RV.	V.	RV.	V.	RV.
1956	-	-	-	-	-	-	-	-	174	-	174	-
1955	-	-	-	-	-	-	123	-	131	-	254	-
1954	-	-	-	-	137	-	124	1	16	-	277	1
1953	-	-	150	-	102	1	26	-	3	1	281	2
1952	127	-	111	-	19	-	10	1	-	-	267	1
1951	255	-	9	-	5	-	7	-	3	-	279	-
1950	204	-	4	-	2	-	5	-	1	-	216	-
1949	249	1	1	1	-	-	1	1	-	-	251	3
1948	206	1	-	-	-	-	1	-	-	-	207	1
Before 1948	68	237	23	27	14	32	11	45	16	21	132	362
Totals	1109	239	298	28	279	33	308	48	344	22	2338	370

## DIPHTHERIA AND DIPHTHERIA IMMUNISATION.

### Incidence and Mortality :

<u>Period.</u>	<u>Cases.</u>	<u>Deaths.</u>
1927-1933	130	11
1934-1940	204	16
1941-1947	95	9
1948-1956	-	-

### Immunisation.

Number of children who completed the full course of immunisation during the year :

0 - 4 years	...	...	606	
5 - 14 years	...	...	63	669

State of Immunisation as at 31st December, 1956.

Age	Estimated number immunised.		
0 - 1 year	100		
1 - 2 years	422		
2 - 3 "	554		
3 - 4 "	541		
4 - 5 "	679	2296	
5 - 6 "	653		
6 - 7 "	687		
7 - 8 "	599		
8 - 9 "	705		
9 - 10"	698		
10 - 11"	660		
11 - 12"	592		
12 - 13"	639		
13 - 14"	610		
14 - 15"	603	6446	8742



	Child population (as estimated by Registrar-General at mid-1956)	Number Immunised.	Percentage of child population immunised.
0 - 4 years	3,500	2,296	65.6%
5 - 14 years	7,000	6,446	92.1%
Totals : Under 15 years.	10,500	8,742	83.3%

IMMUNISATION AGAINST WHOOPING COUGH  
(1st October, 1954 to 31st December, 1956)

Year of Birth	Combined diphtheria and whooping cough.		Whooping Cough only.		Total number of children immunised	
	General Practit- ioners.	Medical Officers.	General Practit- ioners.	Medical Officers.	General Practit- ioners.	Medical Officers
1956	31	60	-	-	31	60 (91)
1955	108	259	1	2	109	261 (370)
1954	140	302	-	2	140	304 (444)
1953	41	97	5	18	46	115 (161)
1952	8	18	3	18	11	36 (47)
1951	6	9	4	5	10	14 (24)
1950	4	14	-	5	4	19 (23)
1949	3	9	2	2	5	11 (16)
Before 1949.	3	2	4	5	7	7 (14)
Totals	344	770	19	57	363	827 (1190)

TUBERCULOSIS

Cases on Register at 31st December :

Year	Pulmonary.		Non-Pulmonary.		Totals.		Both Sexes.
	M.	F.	M.	F.	M.	F.	
1947	162	115	52	59	214	174	388
1948	164	127	50	62	214	189	403
1949	156	95	39	45	196	140	336
1950	158	99	46	52	204	151	355
1951	140	105	47	52	187	157	344
1952	143	108	45	49	188	157	345
1953	134	114	45	40	179	154	333
1954	132	116	36	32	168	148	316
1955	140	111	35	33	175	144	319
1956	148	110	36	32	184	142	326

NEW CASES AND MORTALITY FROM TUBERCULOSIS - 1956.

Age Periods	NEW CASES						DEATHS					
	Pulmonary.		Non-pulmonary.		Total		Pulmonary.		Non-pulmonary.		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
0-1 year	-	-	-	-	-	-	-	-	-	-	-	-
1-5 years	-	-	-	-	-	-	-	-	-	-	-	-
5-15 "	-	1	-	1	-	2	-	-	-	-	-	-
15-45"	8	7	4	3	12	10	-	-	-	-	-	-
45-65"	5	1	-	-	5	1	1	1	-	-	1	1
65 & over	3	-	1	-	4	-	2	-	-	-	2	-
Totals	16	9	5	4	21	13	3	1	-	-	3	1

TUBERCULOSIS DEATH RATE per 1,000,000 population.  
County of Montgomery.

Year	Pulmonary.	Non-pulmonary.	Total
1936	696	174	870
1937	530	116	646
1938	579	156	735
1939	394	43	437
1940	400	107	515
1941	443	141	584
1942	606	167	773
1943	465	162	627
1944	374	154	528
1945	425	224	649
1946	420	110	530
1947	420	154	574
1948	483	110	593
1949	503	-	503
1950	131	-	131
1951	351	44	395
1952	133	44	177
1953	170	22	200
1954	177	22	199
1955	177	-	177
1956	89	-	89

BLIND PERSONS.

Number of persons registered under the Blind Persons Acts during :

1950	...	23	1954	...	12
1951	...	14	1955	...	17
1952	...	17	1956	...	21
1953	...	19			

Number of persons on Blind Persons Register at 31st December:

Year	Males	Females	Total
1950	52	73	125
1951	53	71	124
1952	49	72	121
1953	48	70	118
1954	47	64	111
1955	45	64	109
1956	45	63	108

# INFECTIOUS DISEASES

The following table shows the incidence of infectious diseases in the County during the year :

Sanitary District	Measles.	Whooping cough	Scarlet fever	Erysipelas	Acute Pneumonia	Dysentery
Llanfyllin M.B.	-	-	-	-	1	-
Llanidloes M.B.	-	-	-	-	-	-
Machynlleth U.D.	1	-	-	-	-	-
Montgomery M.B.	1	33	-	2	1	-
Newtown and Llanllychaearn I.D.	344	-	-	-	2	-
Welshpool M.B.	1	9	-	-	7	1
Forcen R.D.	23	1	1	-	6	6
Llanfyllin R.D.	2	18	4	1	15	-
Newtown and Llanidloes R.D.	136	-	-	-	5	-
WHOLE COUNTY	535	61	5	3	37	7



MENTAL HEALTH SERVICES.Lunacy Acts :

	Cert fied	Voluntary	Temporary	Total
Admitted	7	47	1	55
Discharged	10	36	-	46
*including deaths	5	2	-	7

Mental Deficiency Acts :

	During 1956				Total cases on Authority's Register as on 31st Decr.1956			
	Under age 16		Aged 16 and over		Under age 16		Aged 16 and over	
	M	F	M	F	M	F	M	F
Particulars of cases reported during 1956 :								
(a) Cases at 31st December ascertained to be defectives "subject to be dealt with"								
Action taken on reports by:								
(i) Local Education Authorities on children								
(1) while at school or liable to attend school	5	-	-	-	-	-	-	-
(2) On leaving special schools	3	1	-	-	-	-	-	-
(3) On leaving ordinary schools	1	1	-	-	-	-	-	-
(ii) Police or by Courts	-	-	1	-	-	-	-	-
(iii) Other sources	-	-	-	1	-	-	-	-
(iv) Cases reported in which action was incomplete at 31.12.56 and are thus excluded from above	1	-	-	-	-	-	-	-
Total number of cases reported during the year	10	2	1	1	-	-	-	-
Disposal of Cases :								
(a) Of the cases ascertained to be defectives "subject to be dealt with" - Number								
(i) Placed under Statutory Supervision	9	2	-	-	12	5	45	38
(ii) Placed under Guardianship	-	-	-	-	-	-	-	-
(iii) Taken to "Places of Safety"	-	-	-	-	-	-	-	-
(iv) Admitted to Hospitals	-	-	1	1	2	4	22	37
	9	2	1	1	14	9	67	75
Classification of defectives in the community on 31.12.56 :								
Number of cases "under statutory supervision" considered suitable for occupation centre	-	-	-	-	5	3	6	5

FOOD AND DRUGS ACT, 1955Report of Food and Drugs Inspector for the  
Year ended 31st December, 1956.

One hundred and ninety four samples were purchased during the year. 168 were samples of milk and 26 were samples of miscellaneous articles of food.

The action taken with regard to the milk samples found to be "not genuine" is given under :

Sample No. 616

David Evan Jones, Abermarchnant, Llanwddyn, was prosecuted for selling milk containing added water and was convicted. He was fined £5 and ordered to pay £2.2s. costs.

Samples Nos. 600 and 601.

Thomas Harold Richards, Varchoel, Guilsfield, was prosecuted for selling milk containing hypochlorite and was convicted. He was fined £5 and ordered to pay £8.8s. costs.

Samples Nos. 607, 608 and 609.

Wilfred Herman Richards, Glanllyn, Guilsfield, was prosecuted for selling milk containing hypochlorite and was convicted. He was fined £7.10s. and ordered to pay £9.9s. costs.

Samples Nos. 778, 779, 781, 782, 783, 784, 785 and 786.

David Emrys Owen, Rhallt Isa, Llanfair Caereinion was prosecuted for selling milk containing added water and was convicted. He was fined £24 and ordered to pay £8.8s. costs.

With regard to the remaining samples of milk found to be "not genuine" by reason of deficiency in fat, no further action was advisable. Where the solids-not-fat were below standard no further action was possible as there was no evidence of added water being present.

The samples of miscellaneous articles of food were as under :

Sample	Genuine	Not genuine	Total
Ginger and Rum Drink	1	-	1
Cheese Biscuits	2	-	2
Cheese Spread	2	-	2
Processed Cheese	1	-	1
Custard Powder	1	-	1
Sponge Mixture	1	-	1
Fat	1	-	1
Dried Peas	1	-	1
Sweets	4	-	4
Apples	1	-	1
Tea	3	-	3
Orangeade Powder	1	-	1
Flour	1	-	1
Rice Creamola	1	-	1
Dessicated Coconut	1	-	1
Demerara Sugar	1	-	1
Suet	1	-	1
Christmas Pudding	1	-	1
Mince meat	1	-	1
Totals	26	-	26

E. WALTER EVANS  
Inspector of Food and Drugs.

Weights and Measures Office,  
Welshpool.  
28th January, 1957.

# SITTING-CASE CAR SERVICE : SUMMARY OF COSTS.

Period	Jour- neys.	Pat- ients.	Mileage	Mileage Charges.				Other Charges.				Total Cost.				Average Mile.		cost per: Patient-mile	
1944-9	Taxis Volunteers Total	522 769 1291	549 806 1355	270.23 461.55 731.78	£. 1127. 1161. 2188.	s. 9. 8. 18.	d. 7. 6. 1.	£. 23. 71. 95.	s. 15. 19. 15.	d. 7. 10. 5.	£. 1051. 1233. 2264.	s. 5. 8. 13.	d. 2. 4. 6.	9.34 6.41 7.49	3.08 6.15 7.14				
1950	Taxis Volunteers Total	168 1153 1321	177 1293 1470	6820 74006 80826	260. 1065. 2133.	3. 10. 14.	8. 9. 5.	£. 110. 119.	15. 10. 6.	3. 10. 1.	276. 1976. 2253.	18. 0. 0.	11. 6. 6.	9.76 6.69 6.69	1.25 6.01 6.01				
1951	Taxis Volunteers Total	137 1155 1992	145 2059 2204	5932 109368 115300	240. 3090. 3331.	15. 6. 1.	2. 6. 8.	£. 163. 172.	18. 10. 9.	3. 10. 1.	249. 3254. 3503.	13. 0. 13.	5. 4. 9.	10.10 7.14 7.29	9.54 6.43 6.59				
1952	Taxis Volunteers Total	126 2266 2392	146 2636 2782	4798 123663 128461	213. 3533. 3746.	2. 6. 9.	9. 10. 7.	5. 177. 183.	16. 16. 12.	8. 1. 9.	218. 3711. 3930.	19. 2. 2.	5. 11. 4.	10.95 7.20 7.34	9.45 6.19 6.31				
1953	Taxis Volunteers Total	162 2271 2433	167 2525 2692	6072 119517 125589	268. 3458. 3726.	0. 11. 12.	10. 6. 4.	4. 166. 171.	18. 10. 9.	11. 10. 9.	272. 3625. 3898.	19. 2. 2.	9. 4. 1.	10.79 7.28 7.45	10.47 6.55 6.73				
1954	Taxis Volunteers Total	139 2554 2693	151 2962 3113	6626 133479 140105	295. 3967. 4263.	17. 14. 11.	4. 3. 7.	4. 173. 176.	10. 12. 2.	6. 4. 10.	300. 4141. 4441.	7. 6. 14.	10. 7. 5.	10.88 7.45 7.61	10.1 6.42 6.50				
1955	Taxis Volunteers Total	256 3279 3535	280 3750 4030	9934 156206 166140	431. 4146. 5277.	1. 17. 19.	4. 8. 0.	13. 174. 187.	5. 1. 7.	11. 4. 3.	444. 5020. 5465.	7. 19. 6.	3. 0. 3.	10.73 7.62 7.80	9.81. 6.65 6.83				
1956	Taxis Volunteers Total	88 3845 3933	131 4570 4701	4297 175121 179418	199. 5451. 5651.	17. 12. 10.	8. 6. 2.	3. 181. 185.	18. 9. 8.	8. 8. 4.	203. 5633. 5836.	16. 2. 18.	4. 2. 6.	11.38 7.72 7.81	7.64 6.49 6.53				



AMBULANCE SERVICE : SUMMARY OF COSTS.

Ambulance	Period	Cure- neys.	Pat- ients.	Mileage.	Mileage Costs.	Mersey Tunnel Tolls.	County Council Grant.	Total Cost.	Average per Mile.	Average cost per Pt. Mile.
M. CHYNLEIGH	1948-49	173	188	10590	£. s. d. 529. 10. 0.	-	£. s. d. 375. 0. 0.	£. s. d. 944. 14. 0.	s. d. 1. 6	s. d. 1. 7
	1950-51	413	451	18409	£. s. d. 943. 12. 10.	-	£. s. d. 500. 0. 0.	£. s. d. 1443. 12. 10.	s. d. 1. 6	s. d. 1. 5
	1952-53	302	326	14449	£. s. d. 442. 17. 2.	-	£. s. d. 500. 0. 0.	£. s. d. 1342. 17. 2.	s. d. 1. 10	s. d. 1. 6
	1954-55	222	245	12103	£. s. d. 706. 0. 2.	-	£. s. d. 510. 15. 0.	£. s. d. 1224. 15. 0.	s. d. 2. 0	s. d. 1. 10
	1956.	95	119	4995	£. s. d. 296. 18. 0.	-	£. s. d. 275. 0. 0.	£. s. d. 571. 18. 0.	s. d. 2. 3	s. d. 1. 10
	Totals	1205	1329	60546	£. s. d. 3318. 18. 10.	-	£. s. d. 2160. 15. 0.	£. s. d. 5487. 18. 0.	s. d. 1. 9	s. d. 1. 7
BLANDFORD	1948-49	180	187	1526	£. s. d. 426. 6. 0.	-	£. s. d. 375. 0. 0.	£. s. d. 101. 12. 0.	s. d. 1. 10	s. d. 1. 10
	1950-51	323	337	14009	£. s. d. 723. 16. 0.	-	£. s. d. 500. 0. 0.	£. s. d. 1224. 12. 0.	s. d. 1. 6	s. d. 1. 6
	1952-53	353	360	16399	£. s. d. 956. 12. 2.	-	£. s. d. 500. 0. 0.	£. s. d. 1457. 6. 0.	s. d. 1. 9	s. d. 1. 9
	1954-55	345	356	18458	£. s. d. 1077. 0. 4.	-	£. s. d. 518. 15. 0.	£. s. d. 1596. 0. 0.	s. d. 1. 6	s. d. 1. 6
	1956	137	141	6505	£. s. d. 300. 17. 10.	-	£. s. d. 275. 0. 0.	£. s. d. 655. 17. 10.	s. d. 2. 0	s. d. 1. 11
	Totals	1388	1381	63977	£. s. d. 3564. 13. 0.	2. 1. 2.	£. s. d. 2160. 15. 0.	£. s. d. 5735. 9. 0.	s. d. 1. 9	s. d. 1. 9
CLERSWY	1948-49	54	56	2832	£. s. d. 141. 12. 0.	-	£. s. d. 375. 0. 0.	£. s. d. 516. 12. 0.	s. d. 3. 0	s. d. 3. 6
	1950-51	130	140	7919	£. s. d. 405. 2. 4.	-	£. s. d. 500. 0. 0.	£. s. d. 905. 16. 0.	s. d. 3. 0	s. d. 3. 1
	1952-53	115	129	7665	£. s. d. 447. 2. 6.	-	£. s. d. 500. 0. 0.	£. s. d. 947. 12. 0.	s. d. 3. 0	s. d. 3. 2
	1954-55	183	194	12043	£. s. d. 703. 5. 2.	-	£. s. d. 510. 15. 0.	£. s. d. 1222. 5. 0.	s. d. 3. 0	s. d. 3. 1
	1956	71	73	5048	£. s. d. 206. 2. 2.	-	£. s. d. 275. 0. 0.	£. s. d. 571. 2. 0.	s. d. 2. 0	s. d. 2. 2
	Totals	553	592	35507	£. s. d. 1993. 4. 2.	1. 9. 6.	£. s. d. 2160. 15. 0.	£. s. d. 4163. 0. 0.	s. d. 2. 4	s. d. 2. 2
NEWTON	1948-49	130	160	4510	£. s. d. 225. 10. 0.	-	£. s. d. 375. 0. 0.	£. s. d. 600. 14. 0.	s. d. 2. 0	s. d. 2. 0
	1950-51	230	260	9937	£. s. d. 511. 13. 10.	-	£. s. d. 500. 0. 0.	£. s. d. 1012. 3. 10.	s. d. 2. 0	s. d. 1. 9
	1952-53	236	240	10760	£. s. d. 627. 13. 4.	-	£. s. d. 500. 0. 0.	£. s. d. 1127. 13. 4.	s. d. 2. 1	s. d. 2. 0
	1954-55.	280	320	13650	£. s. d. 796. 14. 4.	-	£. s. d. 510. 15. 0.	£. s. d. 1315. 10. 4.	s. d. 1. 11	s. d. 1. 6
	1956	160	162	7959	£. s. d. 469. 5. 0.	-	£. s. d. 275. 0. 0.	£. s. d. 744. 5. 0.	s. d. 1. 10	s. d. 1. 6
	Totals	1044	1166	46824	£. s. d. 2630. 17. 2.	1. 3. 0.	£. s. d. 2160. 15. 0.	£. s. d. 4800. 15. 10.	s. d. 2. 0	s. d. 1. 9
WILSHROD	1948-49	213	227	6466	£. s. d. 323. 6. 0.	-	£. s. d. 375. 0. 0.	£. s. d. 690. 6. 0.	s. d. 2. 2	s. d. 2. 0
	1950-51	472	501	10547	£. s. d. 945. 7. 0.	-	£. s. d. 500. 0. 0.	£. s. d. 1446. 6. 10.	s. d. 1. 6	s. d. 1. 5
	1952-53	466	504	17501	£. s. d. 1025. 11. 2.	-	£. s. d. 500. 0. 0.	£. s. d. 1524. 11. 2.	s. d. 1. 6	s. d. 1. 7
	1954-55	464	495	17952	£. s. d. 1047. 4. 0.	-	£. s. d. 510. 15. 0.	£. s. d. 1566. 0. 0.	s. d. 1. 9	s. d. 1. 7
	1956	245	255	9110	£. s. d. 537. 12. 6.	-	£. s. d. 275. 0. 0.	£. s. d. 112. 16. 0.	s. d. 1. 9	s. d. 1. 6
	Totals	1860	1987	69656	£. s. d. 3879. 1. 4.	1. 12. 6.	£. s. d. 2160. 15. 0.	£. s. d. 6049. 0. 10.	s. d. 1. 6	s. d. 1. 7

LLANFYLLIN	1950-51	232	243	12705	£.	s.	d.	£.	s.	d.	£.	s.	d.	s.	d.
	1952-53	300	382	20254	1181.	3.	6.	1.	8.	10.	1088.	18.	2.	1.	7 $\frac{1}{2}$ .
	1954-55	531	604	27737	1617.	19.	8.	1.	5.	4.	2138.	0.	0.	1.	6 $\frac{3}{4}$ .
	1956	268	361	13723	806.	7.	10.		9.	2.	1081.	17.	0.	1.	7.
	Totals	1391	1590	74419	4257.	0.	8.	3.	8.	0.	5991.	13.	8.	1.	7 $\frac{1}{4}$ .
														1.	5.
ALL AMBULANCES	1948-49	750	826	32924	1646.	4.	0.	-	15.	4.	3521.	19.	4.	2.	1 $\frac{11}{16}$ .
	1950-51	1800	1940	81606	4180.	16.	10.	3.	4.	0.	7121.	10.	10.	1.	7 $\frac{1}{2}$ .
	1952-53	1834	1951	87108	5081.	6.	0.	2.	13.	0.	8803.	19.	0.	1.	9.
	1954-55	2030	2214	101951	5948.	3.	8.	2.	14.	0.	9063.	7.	8.	1.	7 $\frac{1}{2}$ .
	1956	983	1144	47340	2787.	4.	0.	-	13.	2.	4437.	17.	2.	1.	7 $\frac{1}{2}$ .
	Totals	7397	8075	350929	19643.	14.	6.	9.	19.	6.	32228.	14.	0.	1.	8 $\frac{1}{2}$ .

## ANALYSIS OF VITAL STATISTICS FOR THE TEN LOCAL SANITARY AUTHORITIES: 1956.

Sanitary District	Population.	Live Births.	Rate per 1000 pop-ulation.	Still-births.	Percent- age of live births.	Illeg- itimate births (live & still)	Percent- age of total births.	Infant deaths under 1 year.	Rate per 1000 live births.	Deaths (all causes)	Rate per 1000 pop'n.	Deaths from tuber- culosis.	Rate per million pop'n.
Llanfyllin M.E. Llanidloes M.B. Machynlleth U.D. Montgomery M.E. Newtown & Llanllwcha- iern U.D. Felsphool M.E.	1290 2330 1330 25 25 5380 6070	11 29 25 25 25 39 36	8.53 12.45 13.66 29.1 16.54 14.17	- - 1 - 2 4	- - 4.0 - 2.2 4.7	2 - 2 - 2 4	18.2 - 7.7 - 2.2 4.4	- 1 - - 5 1	- 34 - - 56 12	24 36 25 8 60 66	18.60 15.45 13.66 9.30 12.64 10.37	- - - - - 1	- - - - - 165
Urban Districts	17760	265	14.92	7	2.6	10	3.7	7	26	227	12.73	1	56
Forden R.D. Llanfyllin R.D. Machynlleth R.D. Newtown & Llanidloes R.D.	5170 9370 3040 9100	94 140 35 140	18.18 14.18 11.51 15.38	1 3 - 1	1.1 2.1 - 0.7	2 6 3 6	2.1 4.2 3.6 4.3	1 4 2 6	11 29 57 43	73 113 39 96	14.12 11.45 12.83 10.55	- 1 1 1	- 101 329 110
Rural Districts	27180	409	15.05	5	1.2	17	4.1	13	32	321	11.81	3	110
Whole County	44940	674	15.0	12	1.8	27	3.94	20	30	548	12.19	4	139





1956  
CAUSES OF DEATH IN THE AREAS OF THE TEN SANITARY AUTHORITIES.

CAUSES OF DEATH	Llanfyllin M.B.	Llanidloes M.B.	Machynlleth U.D.	Montgomery M.B.	Newtown and Llanllwgh- aiarn U.D.	Welshpool M.B.	Urban Districts	Forden R.D.	Llanfyllin R.D.	Machynlleth R.D.	Newtown and Llanidloes R.D.	Rural Districts	WHOLE COUNTY
All Causes	24	36	25	8	68	66	227	73	113	39	56	321	548
1. Tuberculosis: respiratory	-	-	-	-	-	1	1	-	1	1	1	3	4
2. Tuberculosis: other	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Syphilitic disease	-	-	-	-	-	-	-	-	-	1	-	1	1
4. Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping cough	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Meningococcal infections	-	-	-	-	-	-	-	-	-	-	-	-	-
7. Acute poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-
8. Measles	-	-	1	-	-	-	1	-	-	-	-	-	1
9. Other infective and parasitic diseases	-	-	-	-	-	-	-	-	-	-	-	-	-
10. Malignant neoplasm: stomach	1	3	-	-	4	-	3	4	5	4	5	18	26
11. " " lung, bronchus	1	-	-	-	1	-	2	-	1	-	2	3	5
12. " " breast	1	-	1	-	2	2	6	-	-	-	2	2	3
13. " " uterus	-	-	-	-	1	-	1	-	1	1	3	5	6
14. Other malignant and lymphatic neoplasms.	3	4	2	3	7	5	24	5	6	5	9	25	49
15. Leukaemia, aleukaemia	-	-	-	-	1	-	1	1	-	1	-	2	3
16. Diabetes	-	-	-	-	-	-	-	-	1	-	1	2	2
17. Vascular lesions of nervous system.	3	3	4	1	13	12	36	25	16	5	14	60	96
18. Coronary disease, angina	-	-	3	3	6	11	29	3	3	6	7	29	58
19. Hypertension with heart disease.	2	4	-	-	1	3	4	-	2	1	2	5	9
20. Other heart disease	4	5	10	-	14	14	47	14	26	3	10	50	105
21. Other circulatory diseases	4	7	1	-	2	1	15	1	5	-	6	12	27
22. Influenza	1	-	-	-	-	-	1	-	-	-	-	-	1
23. Pneumonia	-	-	1	-	1	5	7	-	2	-	1	3	10
24. Bronchitis	-	1	2	-	3	2	3	2	5	-	3	15	23
25. Other diseases of the respiratory system	1	1	-	-	-	-	2	4	-	1	1	3	5





## CAUSES OF DEATH

1956

## AGE AND SEX DISTRIBUTION.

Causes of Death	Sex	All ages	0 - 1 years	1 - 5, years	5-15 years	15-25 years	25-45 years	45-65 years	65-75 years	75 years and over
1. Tuberculosis - respiratory	M	3	-	-	-	-	-	1	2	-
	F	1	-	-	-	-	-	1	-	-
2. Tuberculosis - other	M	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-
3. Syphilitic disease	M	1	-	-	-	-	-	-	1	-
	F	-	-	-	-	-	-	-	-	-
4. Diphtheria	M	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-
5. Whooping Cough	M	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-
6. Meningococcal infections	M	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-
7. Acute poliomyelitis	M	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-
8. Measles	M	1	-	1	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-
9. Other infective and parasitic diseases.	M	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-
10. Malignant neoplasm, stomach	M	16	-	-	-	-	-	4	6	6
	F	10	-	-	-	-	-	-	4	6
11. Malignant neoplasm, lung, bronchus	M	4	-	-	-	-	-	3	1	-
	F	1	-	-	-	-	-	1	-	-
12. Malignant neoplasm, breast	F	8	-	-	-	-	-	6	2	-
13. Malignant neoplasm, uterus	F	6	-	-	-	-	1	4	1	-
14. Other malignant and lymphatic neoplasms.	M	30	-	-	-	-	1	6	9	14
	F	19	-	-	-	-	1	6	6	6
15. Leukemia, aleukemia	M	3	-	-	1	-	1	1	-	-
	F	-	-	-	-	-	-	-	-	-
16. Diabetes	M	1	-	-	-	-	-	-	1	-
	F	1	-	-	-	-	-	-	-	-
17. Vascular lesions of nervous system	M	40	-	-	-	-	-	6	17	25
	F	40	-	-	-	-	1	6	13	20
18. Coronary disease, angina	M	34	-	-	-	-	2	7	16	9
	F	24	-	-	-	-	-	2	10	12
19. Hypertension with heart disease	M	2	-	-	-	-	-	-	2	-
	F	7	-	-	-	-	-	-	3	4

Causes of Death 20. Other heart disease	Sex	All ages	0 - 1 year	1 - 5 years	5-15 years	15-25 years	25-45 years	45-65 years	65-75 years	75 years and over
	M	47	-	-	-	-	2	4	10	31
	F	58	-	-	-	-	-	5	11	42
21. Other circulator / disease	M	14	-	-	-	-	-	1	5	3
	F	13	-	-	-	-	-	-	1	12
22. Influenza	M	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-
23. Pneumonia	M	3	-	-	-	-	-	2	-	1
	F	7	-	1	-	-	-	-	-	1
24. Bronchitis	M	10	-	-	-	-	-	-	3	3
	F	5	-	-	-	-	-	4	5	9
25. Other diseases of respiratory system.	M	3	-	-	-	-	-	2	-	3
	F	2	-	-	-	-	-	2	-	1
26. Ulcer of stomach and duodenum	M	6	-	-	-	-	-	1	-	1
	F	2	-	-	-	-	-	-	3	3
27. Gastritis, Enteritis and diarrhoea.	M	-	-	-	-	-	-	-	1	1
	F	3	1	-	-	-	1	-	1	-
28. Nephritis and nephrosis	M	2	1	-	-	-	-	-	-	-
	F	2	-	-	-	-	-	1	-	-
29. Hyperplasia of prostate	M	8	-	-	-	-	-	1	-	1
30. Pregnancy, childbirth, abortion	F	-	-	-	-	-	-	-	2	6
31. Congenital malformations	M	7	4	-	1	-	-	-	-	-
	F	1	1	-	-	-	-	1	1	-
32. Other defined and ill-defined diseases.	M	29	3	-	-	-	3	-	5	13
	F	24	5	-	-	-	-	3	1	15
33. Motor vehicle accidents	M	3	-	-	-	-	2	-	1	-
	F	3	-	-	-	1	-	1	1	-
34. All other accidents	M	8	-	1	1	1	3	2	-	-
	F	6	-	1	-	-	-	1	-	-
35. Suicide	M	3	-	-	-	-	-	1	2	1
	F	2	-	-	-	-	1	1	-	-
36. Homicide and operations of war	M	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-
TOTALS : ALL CAUSES	M	294	13	2	3	1	14	46	88	127
	F	254	7	2	-	1	5	42	60	137





